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Subject: Re: Wood hf horn.

Posted by dB on Fri, 14 Apr 2006 15:38:36 GMT

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Hi, After paying attention (and learning from it) to some of the work done by Wayne (and others) I found a very interesting Patent (#4,469,921) from Kinoshita, 1984, with a "similar" horn design. <<Sectoral horn with side walls linear and opening degree or angle of the horn adjusted by the upper and lower curved walls>> The interest of this is that it explains how a type ""shelf"" frequency response of the horn becomes flat and directivity is improved in the necessary frequency band. With a two angle throat for different frequencies. Nice.

Horn type loudspeaker - US Patent 4469921

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